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9293645S	0
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9108030	0
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3315036S	0
("9293645" OR "7269634" OR "9108030" OR "3315036" OR "4082920").USPT,PGPB.	4
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File: USPT

Sep 9, 1986

US-PAT-NO: 4611185

DOCUMENT-IDENTIFIER: US 4611185 A

TITLE: Electrical noise filter

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
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☐ 2. Document ID: US 4305008 A

L1: Entry 2 of 4

File: USPT

Dec 8, 1981

US-PAT-NO: 4305008

DOCUMENT-IDENTIFIER: US 4305008 A

TITLE: Rectifiers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 3. Document ID: US 4082920 A

L1: Entry 3 of 4

File: USPT

Apr 4, 1978

US-PAT-NO: 4082920

DOCUMENT-IDENTIFIER: US 4082920 A

TITLE: Telephone testing equipment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
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☐ 4. Document ID: US 3315036 A

L1: Entry 4 of 4

File: USPT

Apr 18, 1967

US-PAT-NO: 3315036

DOCUMENT-IDENTIFIER: US 3315036 A

TITLE: TEXT NOT AVAILABLE

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
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"3315036".USPT,PGPB.	2
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7	9	"5466539"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/25 13:39
8	1	"5466539" and (bcc or "body centered cubic")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/25 13:32
9	4	"10270246" or "9108030"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/25 13:41
10	18	"5251236" or "4082920"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/25 13:44
11	0	"5 251236" or "4 082920"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/25 13:44
12	54	"5148595" or "3315036"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/25 13:47
13	3	"9115729" or "7269634"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/25 13:47

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6	5	"6240416"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/25 13:28
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8	1	"5466539" and (bcc or "body centered cubic")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/25 13:32
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10	18	"5251236" or "4082920"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/25 13:44
11	0	"5 251236" or "4 082920"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/25 13:44
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1	475	((428/\$).CCLS.) and (co same fe same o) and (magnetic with head)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 17:57
2	1	((428/\$).CCLS.) and (co same fe same o) and (magnetic with head)) and "body center\$ cubic"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 18:01
3	182543	(428/\$).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 18:04
4	322	((428/\$).CCLS.) and "body centered cubic"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 18:05
5	201	((428/\$).CCLS.) and "body centered cubic") and magnetic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 18:06
6	145	((428/\$).CCLS.) and "body centered cubic") and magnetic) and (magnetic with head)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 18:09
7	86	((428/\$).CCLS.) and "body centered cubic") and magnetic) and (magnetic with head)) and (fe same co)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 18:10
8	29	((428/\$).CCLS.) and "body centered cubic") and magnetic) and (magnetic with head)) and (fe same co)) and (fe same co same o)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 18:10

L Number	Hits	Search Text	DB	Time stamp
1	475	((428/\$).CCLS.) and (co same fe same o) and (magnetic with head)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 17:57
2	1	((428/\$).CCLS.) and (co same fe same o) and (magnetic with head)) and "body center\$ cubic"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 18:01
3	182543	(428/\$).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 18:04
4	322	((428/\$).CCLS.) and "body centered cubic"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 18:05
5	201	((428/\$).CCLS.) and "body centered cubic") and magnetic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 18:06
6	145	((428/\$).CCLS.) and "body centered cubic") and magnetic) and (magnetic with head)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 18:09
7	86	((428/\$).CCLS.) and "body centered cubic") and magnetic) and (magnetic with head)) and (fe same co)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 18:10
8	29	((428/\$).CCLS.) and "body centered cubic") and magnetic) and (magnetic with head)) and (fe same co)) and (fe same co same o)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 18:10



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1	182543	(428/\$).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 14:12
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3	111	((428/\$).CCLS.) and bcc) and (fe same co)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 14:17
4	53	((428/\$).CCLS.) and bcc) and (fe same co)) and (fe same co same O)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 14:19
5	53	((428/\$).CCLS.) and bcc) and (fe same co)) and (fe same co same O)) and (soft magnetic\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 14:20
6	21	((428/\$).CCLS.) and bcc) and (fe same co)) and (fe same co same O)) and soft same (fe same co same o)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 14:22

L Number	Hits	Search Text	DB	Time stamp
1	182543	(428/\$).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 14:12
2	245	((428/\$).CCLS.) and bcc	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 14:16
3	111	((428/\$).CCLS.) and bcc) and (fe same co)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 14:17
4	53	((428/\$).CCLS.) and bcc) and (fe same co)) and (fe same co same O)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 14:19
5	53	((428/\$).CCLS.) and bcc) and (fe same co)) and (fe same co same O)) and (soft magnetic\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 14:20
6	21	((428/\$).CCLS.) and bcc) and (fe same co)) and (fe same co same O)) and soft same (fe same co same o)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/24 14:22

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**126 High speed pseudo-random binary sequence generation for testing data scrambling in gigabit optical transmission systems**

*Newell, J.C.;*

Gigabit Logic Circuits, IEE Colloquium on , 3 Apr 1992

Page(s): 1/1 -1/4

[\[Abstract\]](#) [\[PDF Full-Text \(156 KB\)\]](#) **IEE CNF**

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**127 High-rate sputtering of Nb-Al-Ge and Nb-Al superconductors**

*Dahlgren, S.;*

Magnetics, IEEE Transactions on , Volume: 11 Issue: 2 , Mar 1975

Page(s): 217 -220

[\[Abstract\]](#) [\[PDF Full-Text \(512 KB\)\]](#) **IEEE JNL**

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**128 IEE Colloquium on 'Enhanced and Widescreen PAL' (Digest No.00)**

Enhanced and Widescreen PAL, IEE Colloquium on , 13 Jan 1992

[\[Abstract\]](#) [\[PDF Full-Text \(12 KB\)\]](#) **IEE CNF**

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**129 IEE Colloquium on 'Precise Time and Frequency - the Beat of a Single Drum' (Digest No.201)**

Precise Time and Frequency - the Beat of a Single Drum, IEE Colloquium on 1992

[\[Abstract\]](#) [\[PDF Full-Text \(140 KB\)\]](#) **IEE CNF**

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**130 IEE Colloquium on 'Television Automation: Today's Technology, Tomorrow's Opportunities' (Digest No.128)**

Television Automation: Today's Technology, Tomorrow's Opportunities, IEE Colloquium on , 9 Nov 1989

[\[Abstract\]](#) [\[PDF Full-Text \(1444 KB\)\]](#) **IEE CNF**

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**131 IEE Colloquium on 'Time between Pictures - The Vertical Blanking Interval' (Digest No.1994/016)**

Time between Pictures - The Vertical Blanking Interval, IEE Colloquium on , 1994

[\[Abstract\]](#) [\[PDF Full-Text \(144 KB\)\]](#) **IEE CNF**

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**132 IEE Colloquium on 'Workstations Moving into the Studio' (Digest No.1994/230)**

Workstations Moving into the Studio, IEE Colloquium on , 24 Nov 1994

[\[Abstract\]](#) [\[PDF Full-Text \(16 KB\)\]](#) **IEE CNF**

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**133 IEE Colloquium 'RDS (Radio Data Services)' (Digest No.1994/24**

RDS (Radio Data Services) (Digest No. 1994/249), IEE Colloquium on , 15 D

[\[Abstract\]](#) [\[PDF Full-Text \(40 KB\)\]](#) **IEE CNF**

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**134 Implementation of amplitude modulation companding in the BBC national networks**

*Bell, C.P.; Williams, W.F.;*

Broadcasting, IEEE Transactions on , Volume: 35 Issue: 2 , Jun 1989

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[\[Abstract\]](#) [\[PDF Full-Text \(684 KB\)\]](#) **IEEE JNL**

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**135 Implementation of an MPEG 2 layer III multichannel audio encoder running in real time**

*Mason, A.J.;*

Broadcasting Convention, International (Conf. Publ. No. 428) , 12-16 Sep 1995

Page(s): 460 -465

[\[Abstract\]](#) [\[PDF Full-Text \(836 KB\)\]](#) **IEE CNF**

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**136 Improved motion estimation for MPEG coding within the RACE 'C' project**

*Thomas, G.A.; Dancer, S.J.;*

Broadcasting Convention, 1995. IBC 95., International , 14-18 Sep 1995

Page(s): 238 -243

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) **IEE CNF**

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**137 Improving upon the HD-MAC algorithm for HDTV bandwidth comp**

*Brightwell, P.J.;*

Adaptive Interpolation in Images, IEE Colloquium on , 28 May 1991

Page(s): 7/1 -7/5

[\[Abstract\]](#) [\[PDF Full-Text \(288 KB\)\]](#) **IEE CNF**

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**138 Influence of vertical dispersion and crossing angle on the performance of the LHC**

*Leunissen, L.H.A.;*

Particle Accelerator Conference, 1999. Proceedings of the 1999 , Volume: 3 ,

Page(s): 1683 -1685 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(294 KB\)\]](#) **IEEE CNF**

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**139 Inhomogeneous field breakdown in GIS-the prediction of breakdown probabilities and voltages. III. Discharge development in SF<sub>6</sub> and comparison with a model of breakdown**

Wiegart, N.; Niemeyer, L.; Pinnekamp, F.; Boeck, W.; Kindersberger, J.; Moritz, W.; Zaengl, W.; Zwicky, M.; Gallimberti, I.; Boggs, S.A.;

Power Delivery, IEEE Transactions on , Volume: 3 Issue: 3 , Jul 1988

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**140 Inhomogeneous field breakdown in GIS-the prediction of breakdown probabilities and voltages. II. Ion density and statistical time lag**

Wiegart, N.; Niemeyer, L.; Pinnekamp, F.; Boeck, W.; Kindersberger, J.; Moritz, W.; Zaengl, W.; Zwicky, M.; Gallimberti, I.; Boggs, S.A.;

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[\[Abstract\]](#) [\[PDF Full-Text \(756 KB\)\]](#) **IEEE JNL**

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**141 Inhomogeneous field breakdown in GIS-the prediction of breakdown probabilities and voltages. I. Overview of a theory for inhomogeneous breakdown in SF<sub>6</sub>**

Wiegart, N.; Niemeyer, L.; Pinnekamp, F.; Kindersberger, J.; Morrow, R.; Zaengl, W.; Zwicky, M.; Gallimberti, I.; Boggs, S.A.;

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[\[Abstract\]](#) [\[PDF Full-Text \(884 KB\)\]](#) **IEEE JNL**

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**142 Introducing new technology: audio in on-line non-linear and other examples**

Baker, I.;

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[\[Abstract\]](#) [\[PDF Full-Text \(388 KB\)\]](#) **IEEE CNF**

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**143 Issues in the implementation of a digital regional terrestrial service**

Hibbert, C.;

Digital Television - Where Is It and Where Is It Going? (Ref. No. 1999/072), Colloquium on , 1999

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**144 Launching DAB: a BBC perspective**

Witherow, D.; Shelswell, P.;

100 Years of Radio, 1995., International Conference on , 5-7 Sep 1995  
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**145 Loss determination of HVDC thyristor valves**

*Lips, H.P.;*

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**146 Low-cost approach for steerable flat-plate antenna design with application to reception of broadcasting from satellite**

*Maddocks, M.C.D.;*

Electronics Letters , Volume: 24 Issue: 3 , 4 Feb 1988

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**147 Low-voltage and high-speed operation for high-density SRAMs by**

*Maki, Y.; Honda, H.; Morimoto, R.; Sato, H.; Nagaoka, H.; Wada, T.; Arita, Y.; Tsutsumi, K.; Miyoshi, H.;*

Electron Devices Meeting, 1997. Technical Digest., International , 7-10 Dec .

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**148 Magnetic and structural investigation of heat treated ion beam sputtered amorphous  $\text{Co}_{74}\text{Fe}_6\text{B}_{15}\text{Si}_5$  films**

*Harris, V.G.; Oliver, S.A.; Nowak, W.B.; Vittoria, C.; Culbertson, R.J.; Elam, J.; Kim, K.H.;*

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**149 Magnetic properties in the system Iron-Cobalt-Aluminum**

*Jacobs, I.;*

Magnetics, IEEE Transactions on , Volume: 21 Issue: 4 , Jul 1985

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**150 Magnetic properties of Fe-Co/Fe-Co-N multilayered films with high saturation flux density**

*Ono, H.; Fujinaga, M.; Yonemoto, T.; Miyagawa, T.;*

Magnetics, IEEE Transactions on , Volume: 28 Issue: 5 , 13-16 Apr 1992

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**151 Magnetic, transport, and structural properties of iron-platinum thin films**

*Aboaf, J.; McGuire, T.; Herd, S.; Klokholm, E.;*

Magnetics, IEEE Transactions on, Volume: 20 Issue: 5, Sep 1984

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**152 Magnetism, structure and the effects of thermal aging on**

**(Fe<sub>1-x</sub>Mn<sub>x</sub>)<sub>73.5</sub>Si<sub>13.5</sub>B<sub>9</sub>Nb<sub>3</sub>Cu<sub>1</sub> alloys**

*Tamoria, M.R.; Carpenter, E.E.; Miller, M.M.; Claassen, J.H.; Das, B.N.; Stro Kurihara, L.K.; Everett, R.K.; Willard, M.A.; Hsiao, A.C.; McHenry, M.E.; Har*

Magnetics, IEEE Transactions on, Volume: 37 Issue: 4, Jul 2001

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**153 Magnetostrictive properties of body-centered cubic Fe-Ga and Fe alloys**

*Clark, A.E.; Restorff, J.B.; Wun-Fogle, M.; Lograsso, T.A.; Schlagel, D.L.;*

Magnetics, IEEE Transactions on, Volume: 36 Issue: 5, Sep 2000

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**154 Maintaining sound and picture synchronisation in a digital video environment**

*Cutmore, N.A.F.; Kirby, D.G.;*

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**155 MBS - a wireless network for digital video**

*Zubrzycki, J.T.;*

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156 **Motion compensated DATV bandwidth compression for HDTV**

*Storey, R.;*

Broadcasting Convention, 1988. IBC 1988., International , 23-27 Sep 1988

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157 **Motion compensated display field rate upconversion**

*Borer, T.J.; Hulyer, M.G.; Parker, D.W.;*

Broadcasting Convention, 1990. IBC 1990., International , 21-25 Sep 1990

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158 **Motion compensated field rate conversion**

*Hulyer, M.G.;*

Applications of Motion Compensation, IEE Colloquium on , 8 Oct 1990

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159 **Motion compensated processing for enhanced slow-motion and s conversion**

*Lau, H.; Lyon, D.;*

Broadcasting Convention, 1992. IBC., International , 3-7 Jul 1992

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160 **Motion estimation for HDTV**

*Dabner, S.C.;*

Image Processing for HDTV, IEE Colloquium on , 26 Oct 1989

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161 **Motion estimation for the correction of twin-lens telecine flicker**

*Vlachos, T.; Thomas, G.;*

Image Processing, 1996. Proceedings., International Conference on , Volume 16-19 Sep 1996

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**162 Motion-compensated matteing***Thomas, G.A.;*

Broadcasting Convention, 1994. IBC 1994., International , 16-20 Sep 1994

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*Antoshenkov, G.;*

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*Gleave, M.M.;*



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**2 A new multilayered common-mode filter on Ni-Zn ferrite substrate**

*Sato, T.; Ikeda, S.; Hara, Y.; Yamasawa, K.; Sakuma, T.;*

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**5 Analysis of metal-ferrite interface layers in metal-in-gap heads**

*Kajiwara, K.; Hayakawa, M.; Kunito, Y.; Ikeda, Y.; Hayashi, K.; Aso, K.; Ishi,*

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*Kajiwara, K.; Hayakawa, M.; Kunito, Y.; Ikeda, Y.; Hayashi, K.; Aso, K.; Ishi,*

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**10 Composite perpendicular recording medium consisting of CoCrPt and H<sub>k</sub>&perp; and CoCr with positive inter-particle interaction**

*Sonobe, Y.; Ikeda, Y.; Tagashira, Y.;*

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**52 Soft magnetic properties and microstructure of high moment Fe-N films for recording heads**

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56 **Thermal stability and SNR of coupled granular/continuous media**  
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57 **Thermally stable CGC perpendicular recording media with Pt-rich and thin Pt layers**  
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58 **Thin film write head field analysis using a benchmark problem**  
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59 **Three-dimensional finite element analysis of nondestructive testing of metallic tubular product**  
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60 **Write heads with pole tip consisting of high-Bs FeCoAlO films**  
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47 **Peculiarities in electromagnetic behavior of MF NbTi composites for**

*Hlasnik, I.; Fukui, S.; Amemiya, N.; Tsukamoto, O.; Ikeda, N.; Kumano, T.;  
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*Takao, T.; Tsukamoto, O.; Hirao, T.; Morita, M.; Ikeda, B.;*

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49 **Recording heads with track widths suitable for 100 Gbit/in<sup>2</sup> density**

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**32 Improvement of toroidal plasma (TP) type sputtering for depositing films on plasma-free substrates**

*Takahashi, T.; Ikeda, N.; Naoe, M.;*

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**33 Inhibition of leukemia cell growth under magnetic fields of up to 8**

*Ogiue-Ikeda, M.; Kotani, H.; Iwasaka, M.; Sato, Y.; Ueno, S.;*

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**34 Ion-implanted and permalloy hybrid magnetic bubble memory device**

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*Ikeda, H.; Okabe, M.; Ohmura, T.;*

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*Rettner, C.T.; Anders, S.; Thomson, T.; Albrecht, M.; Ikeda, Y.; Best, M.E.; B.D.;*

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**38 Magnetization decay effects in NbTi multifilamentary superconducting wires**

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**21 Fabrication and evaluation of a cryostable Nb3Sn superconductor Mirror Fusion Test Facility (MFTF-B)**

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*Ara, K.; Yagi, H.; Ikeda, H.; Sugiyama, Y.; Oomura, T.; Moriyasu, M.; Hirano*  
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*Ikeda, S.; Sato, T.; Yamasawa, K.;*  
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**25 Garnet films for 64 Mb bubble memory devices**

*Hosoe, Y.; Imura, R.; Suzuki, R.; Ikeda, T.;*  
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*Ikeda, Y.; Sonobe, Y.; Uchida, H.; Toyooka, T.;*

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*Sonobe, Y.; Ikeda, Y.; Uchida, H.; Toyooka, T.;*

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